

Appl'n No.: 08/963,656
 Title: ANTIBODIES TO C-C...
 Inventors: Craig J. Gerard, *et al.*
 Replacement Sheet

SEQUENCE RANGE: 1 to 1689

10	20	30	40
*	*	*	*
AAT CCT TTT CCT GGC ACC TCT GAT ATC CTT TTG AAA TTC ATG TTA			
50	60	70	80
*	*	*	*
AAG AAT CCC TAG GCT GCT ATC ACA TGT GGC ATC TTT GTT GAG TAC			90
100	110	120	130
*	*	*	*
ATG AAT AAA TCA ACT GGT GTG TTT TAC GAA GGA TGA TTA TGC TTC			
140	150	160	170
*	*	*	*
ATT GTG GGA TTG TAT TTT TCT TCT ATC ACA GGG AGA AGT GAA			180
190	200	210	220
*	*	*	*
ATG ACA ACC TCA CTA GAT ACA GTT GAG ACC TTT GGT ACC ACA TCC			
Met Thr Ser Leu Asp Thr Val Glu Thr Phe Gly Thr Thr Ser			
230	240	250	260
*	*	*	*
TAC TAT GAT GAC GTG GGC CTG CTC TGT GAA AAA GCT GAT ACC AGA			
Tyr Tyr Asp Asp Val Gly Leu Leu Cys Glu Lys Ala Asp Thr Arg			
280	290	300	310
*	*	*	*
GCA CTG ATG GCC CAG TTT GTG CCC CCG CTG TAC TCC CTG GTG TTC			
Ala Leu Met Ala Gln Phe Val Pro Pro Leu Tyr Ser Leu Val Phe			
320	330	340	350
*	*	*	*
ACT GTG GGC CTC TTG GGC AAT GTG GTG GTG ATG ATC CTC ATA			
Thr Val Gly Leu Leu Gly Asn Val Val Val Met Ile Leu Ile			
370	380	390	400
*	*	*	*
AAA TAC AGG AGG CTC CGA ATT ATG ACC AAC ATC TAC CTG CTC AAC			
Lys Tyr Arg Arg Leu Arg Ile Met Thr Asn Ile Tyr Leu Leu Asn			
410	420	430	440
*	*	*	*
CTG GCC ATT TCG GAC CTG CTC TTC CTC GTC ACC CTT CCA TTC TGG			
Leu Ala Ile Ser Asp Leu Leu Phe Leu Val Thr Leu Pro Phe Trp			
460	470	480	490
*	*	*	*
ATC CAC TAT GTC AGG GGG CAT AAC TGG GTT TTT GGC CAT GGC ATG			
Ile His Tyr Val Arg Gly His Asn Trp Val Phe Gly His Gly Met			

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500	510	520	530	540										
*	*	*	*	*										
TGT	AAG	CTC	CTC	TCA	GGG	TTT	TAT	CAC	ACA	GGC	TTG	TAC	AGC	GAG
Cys	Lys	Leu	Leu	Ser	Gly	Phe	Tyr	His	Thr	Gly	Leu	Tyr	Ser	Glu
550 560 570 580														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ATC	TTT	TTC	ATA	ATC	CTG	CTG	ACA	ATC	GAC	AGG	TAC	CTG	GCC	ATT
Ile	Phe	Ile	Ile	Ile	Leu	Leu	Thr	Ile	Asp	Arg	Tyr	Leu	Ala	Ile
590 600 610 620 630														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GTC	CAT	GCT	GTG	TTT	GCC	CTT	CGA	GCC	CGG	ACT	GTC	ACT	TTT	GGT
Val	His	Ala	Val	Phe	Ala	Leu	Arg	Ala	Arg	Thr	Val	Thr	Phe	Gly
640 650 660 670														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GTC	ATC	ACC	AGC	ATC	GTC	ACC	TGG	GGC	CTG	GCA	GTG	CTA	GCA	GCT
Val	Ile	Thr	Ser	Ile	Val	Thr	Trp	Gly	Leu	Ala	Val	Leu	Ala	Ala
680 690 700 710 720														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CTT	CCT	GAA	TTT	ATC	TTC	TAT	GAG	ACT	GAA	GAG	TTG	TTT	GAA	GAG
Leu	Pro	Glu	Phe	Ile	Phe	Tyr	Glu	Glu	Glu	Glu	Leu	Phe	Glu	Glu
730 740 750 760														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ACT	CTT	TGC	AGT	GCT	CTT	TAC	CCA	GAG	GAT	ACA	GTA	TAT	AGC	TGG
Thr	Leu	Cys	Ser	Ala	Leu	Tyr	Pro	Glu	Asp	Thr	Val	Tyr	Ser	Trp
770 780 790 800 810														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AGG	CAT	TTC	CAC	ACT	CTG	AGA	ATG	ACC	ATC	TTC	TGT	CTC	GTT	CTC
Arg	His	Phe	His	Thr	Leu	Arg	Met	Thr	Ile	Phe	Cys	Leu	Val	Leu
820 830 840 850														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CCT	CTG	CTC	GTT	ATG	GCC	ATC	TGC	TAC	ACA	GGA	ATC	ATC	AAA	ACG
Pro	Leu	Leu	Val	Met	Ala	Ile	Cys	Tyr	Thr	Gly	Ile	Ile	Lys	Thr
860 870 880 890 900														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CTG	CTG	AGG	TGC	CCC	AGT	AAA	AAA	AAG	TAC	AAG	GCC	ATC	CGG	CTC
Leu	Leu	Arg	Cys	Pro	Ser	Lys	Lys	Lys	Tyr	Lys	Ala	Ile	Arg	Leu
910 920 930 940														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ATT	TTT	GTC	ATC	ATG	GCG	GTG	TTT	TTC	ATT	TTC	TGG	ACA	CCC	TAC
Ile	Phe	Val	Ile	Met	Ala	Val	Phe	Phe	Ile	Phe	Trp	Thr	Pro	Tyr
950 960 970 980 990														
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AAT	GTG	GCT	ATC	CTT	CTC	TCT	TCC	TAT	CAA	TCC	ATC	TTA	TTT	GGA
Asn	Val	Ala	Ile	Leu	Leu	Ser	Ser	Tyr	Gln	Ser	Ile	Leu	Phe	Gly

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1000	1010	1020	1030	
*	*	*	*	
AAT GAC TGT GAG CGG ACG AAG CAT CTG GAC CTG GTC ATG CTG GTG				
Asn Asp Cys Glu Arg Thr Lys His Leu Asp Leu Val Met Leu Val				
1040	1050	1060	1070	1080
*	*	*	*	*
ACA GAG GTG ATC GCC TAC TCC CAC TGC TGC ATG AAC CCG GTG ATC				
Thr Glu Val Ile Ala Tyr Ser His Cys Cys Met Asn Pro Val Ile				
1090	1100	1110	1120	
*	*	*	*	
TAC GCC TTT GTT GGA GAG AGG TTC CCG AAG TAC CTG CGC CAC TTC				
Tyr Ala Phe Val Gly Glu Arg Phe Arg Lys Tyr Leu Arg His Phe				
1130	1140	1150	1160	1170
*	*	*	*	*
TTC CAC AGG CAC TTG CTC ATG CAC CTG GGC AGA TAC ATC CCA TTC				
Phe His Arg His Leu Leu Met His Leu Gly Arg Tyr Ile Pro Phe				
1180	1190	1200	1210	
*	*	*	*	
CTT CCT AGT GAG AAG CTG GAA AGA ACC AGC TCT GTC TCT CCA TCC				
Leu Pro Ser Glu Lys Leu Glu Arg Thr Ser Ser Val Ser Pro Ser				
1220	1230	1240	1250	1260
*	*	*	*	*
ACA GCA GAG CCG GAA CTC TCT ATT GTG TTT TAG GTA GAT GCA GAA				
Thr Ala Glu Pro Glu Leu Ser Ile Val Phe ***				
1270	1280	1290	1300	
*	*	*	*	
AAT TGC CTA AAG AGG AAG GAC CAA GGA GAT NAA GCA AAC ACA TTA				
1310	1320	1330	1340	1350
*	*	*	*	*
AGC CTT CCA CAC TCA CCT CTA AAA CAG TCC TTC AAA CCT TCC AGT				
1360	1370	1380	1390	
*	*	*	*	
GCA ACA CTG AAG CTC TTA AGA CAC TGA AAT ATA CAC ACA GCA GTA				
1400	1410	1420	1430	1440
*	*	*	*	*
GCA GTA GAT GCA TGT ACC CTA AGG TCA TTA CCA CAG GCC AGG GCT				
1450	1460	1470	1480	
*	*	*	*	
GGG CAG CGT ACT CAT CAT CAA CCT AAA AAG CAG AGC TTT GCT TCT				
1490	1500	1510	1520	1530
*	*	*	*	*
CTC TCT AAA ATG AGT TAC CTA TAT TTT AAT GCA CCT GAA TGT TAG				

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1540 1550 1560 1570
* * * * * *
ATA GTT ACT ATA TGC CGC TAC AAA AAG GTA AAA CTT TTT ATA TTT

1580 1590 1600 1610 1620
* * * * * *
TAT ACA TTA ACT TCA GCC AGC TAT TAT ATA AAT AAA ACA TTT TCA

1630 1640 1650 1660
* * * * * *
CAC AAT ACA ATA AGT TAA CTA TTT TAT TTT CTA ATG TGC CTA GTT

1670 1680
* * *
CTT TCC CTG CTT AAT GAA AAG CTT

Fig. 1D

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FIG. 2A

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FIG. 2B

550	560	570	580	590											
*	*	*	*	*											
ACC	AGC	ATC	GTC	ACC	TGG	GGC	CTG	GCA	GTG	CTA	GCA	GCT	CTT	CCT	GAA
T	S	I	V	T	W	G	L	A	V	L	A	A	L	P	E>
600	610	620	630	640											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TTT	ATC	TTC	TAT	GAG	ACT	GAA	GAG	TTG	TTT	GAA	GAG	ACT	CTT	TGC	AGT
F	I	F	Y	E	T	E	E	L	F	E	E	T	L	C	S>
650	660	670	680	690											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
GCT	CTT	TAC	CCA	GAG	GAT	ACA	GTA	TAT	AGC	TGG	AGG	CAT	TTC	CAC	ACT
A	L	Y	P	E	D	T	V	Y	S	W	R	H	F	H	T>
700	710	720	730												
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CTG	AGA	ATG	ACC	ATC	TTC	TGT	CTC	GTT	CTC	CCT	CTG	CTC	GTT	ATG	GCC
L	R	M	T	I	F	C	L	V	L	P	L	L	V	M	A>
740	750	760	770	780											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ATC	TGC	TAC	ACA	GGA	ATC	ATC	AAA	ACG	CTG	CTG	AGG	TGC	CCC	AGT	AAA
I	C	Y	T	G	I	I	K	T	L	L	R	C	P	S	K>
790	800	810	820	830											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AAA	AAG	TAC	AAG	GCC	ATC	CGG	CTC	ATT	TTT	GTC	ATC	ATG	GCG	GTG	TTT
K	K	Y	K	A	I	R	L	I	F	V	I	M	A	V	F>
840	850	860	870	880											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TTC	ATT	TTC	TGG	ACA	CCC	TAC	AAT	GTG	GCT	ATC	CTT	CTC	TCT	TCC	TAT
F	I	F	W	T	P	Y	N	V	A	I	L	L	S	S	Y>
890	900	910	920	930											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CAA	TCC	ATC	TTA	TTT	GGA	AAT	GAC	TGT	GAG	CGG	AGC	AAG	CAT	CTG	GAC
Q	S	I	L	F	G	N	D	C	E	R	S	K	H	L	D>
940	950	960	970												
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CTG	GTC	ATG	CTG	GTG	ACA	GAG	GTG	ATC	GCC	TAC	TCC	CAC	TGC	TGC	ATG
L	V	M	L	V	T	E	V	I	A	Y	S	H	C	C	M>
980	990	1000	1010	1020											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
AAC	CCG	GTG	ATC	TAC	GCC	TTT	GTT	GGA	GAG	AGG	TTC	CGG	AAG	TAC	CTG
N	P	V	I	Y	A	F	V	G	E	R	F	R	K	Y	L>
1030	1040	1050	1060	1070											
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CGC	CAC	TTC	TTC	CAC	AGG	CAC	TTG	CTC	ATG	CAC	CTG	GGC	AGA	TAC	ATC
R	H	F	F	H	R	H	L	L	M	H	L	G	R	Y	I>

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}

FIG. 2C

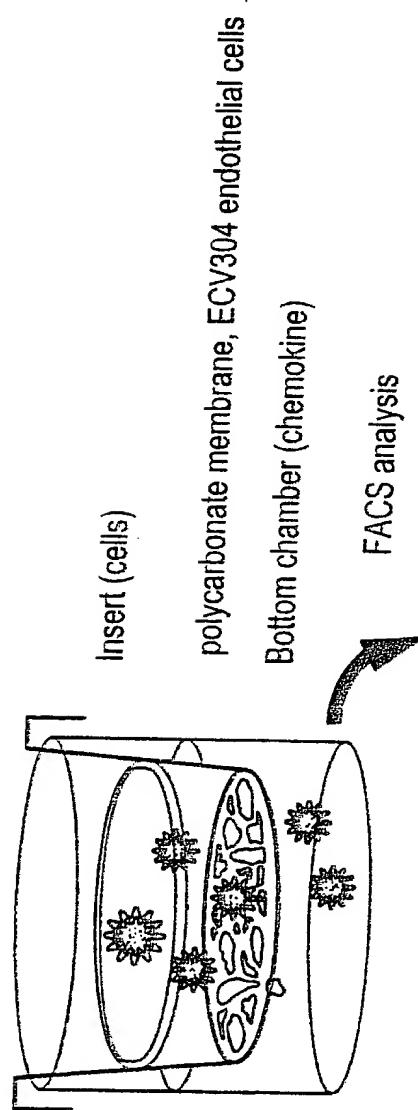
1080 1090 1100 1110 1120
* * * * * * *
CCA TTC CTT CCT AGT GAG AAG CTG GAA AGA ACC AGC TCT GTC TCT CCA
P F L P S E K L E R T S S V S P>

1130 1140 1150 1160 1170
* * * * * * *
TCC ACA GCA GAG CCG GAA CTC TCT ATT GTG TTT TAG G TAGATGCAGA
S T A E P E L S I V F *>

1180 1190
* * * *
AAATTGCCTA AAGAGGAAGG ACC

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FIG. 3



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Replacement Sheet

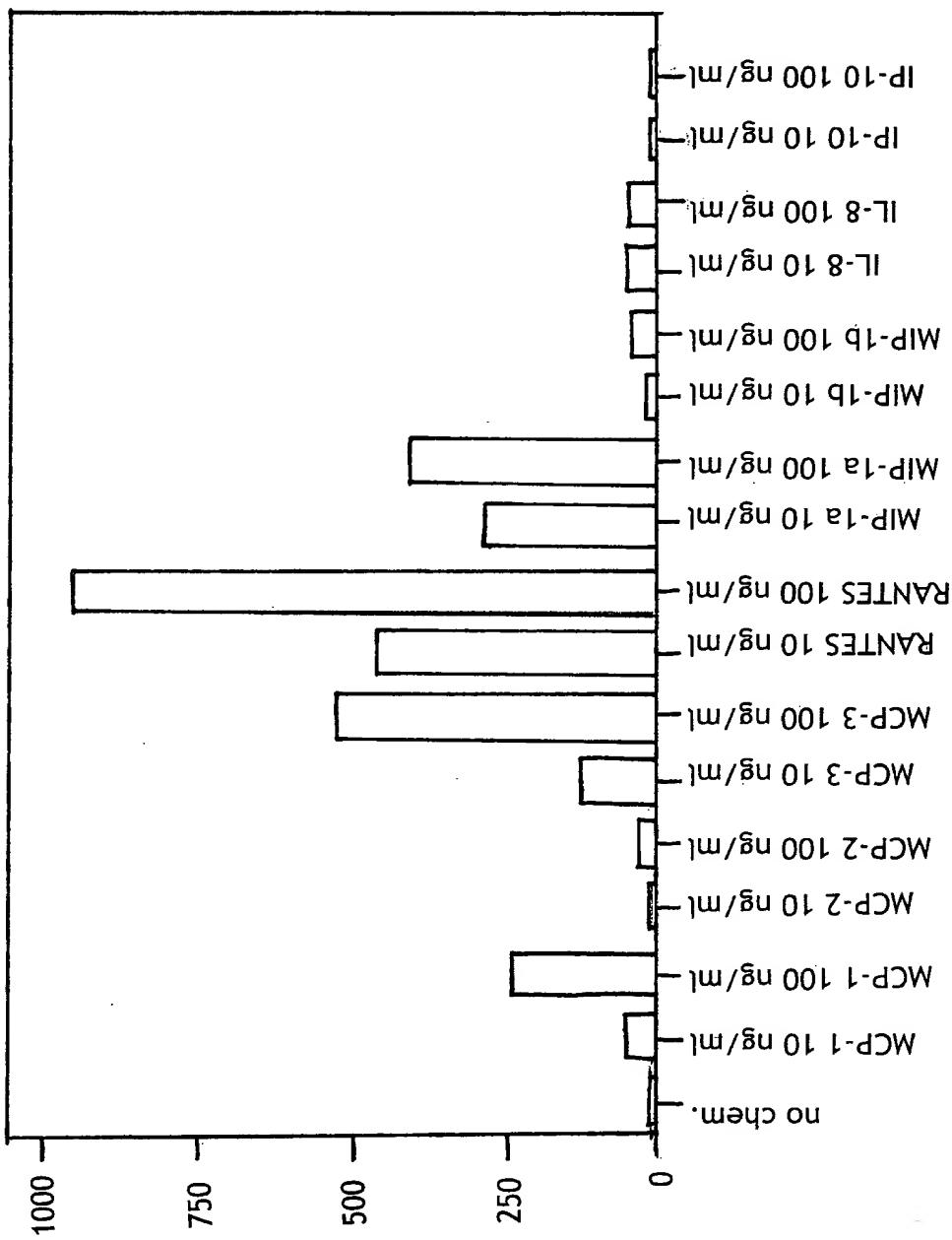


FIGURE 4

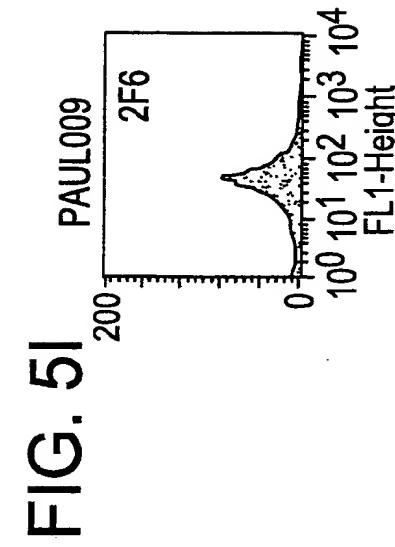
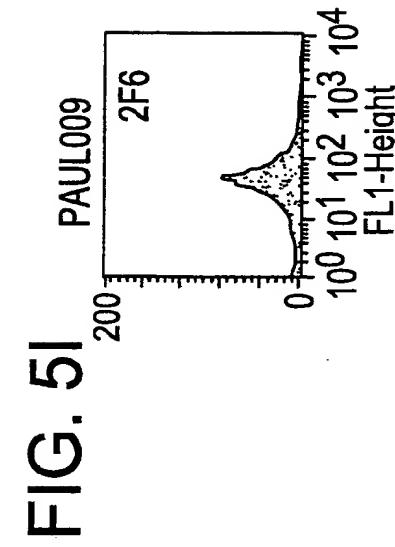
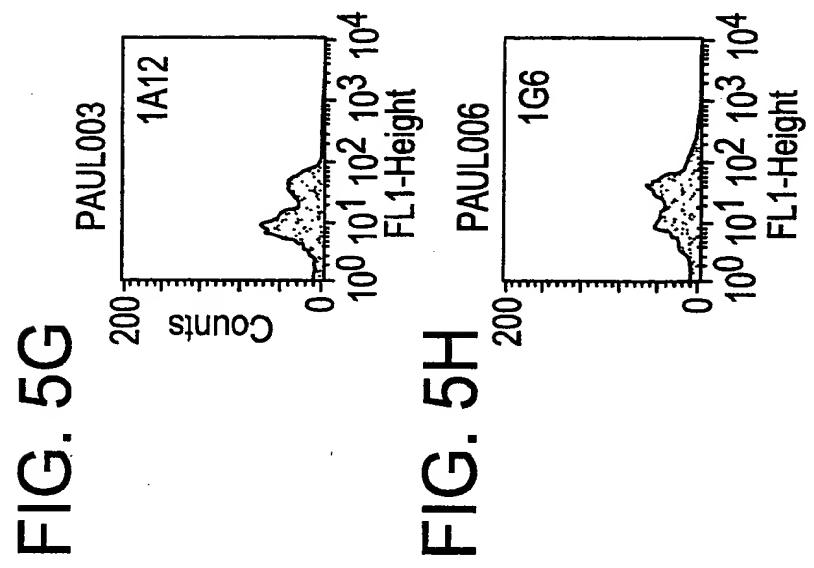
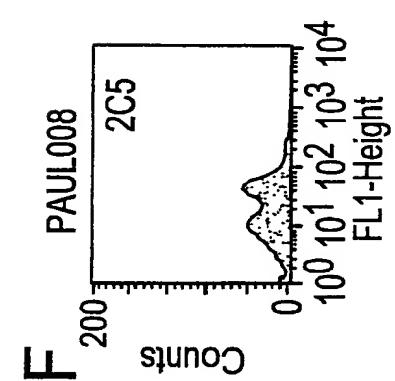
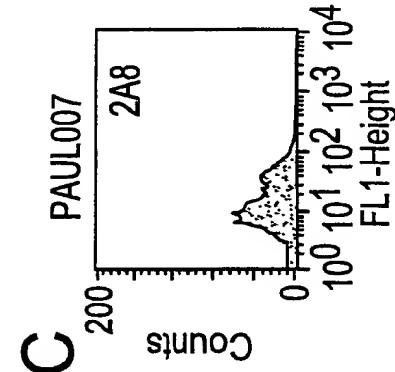
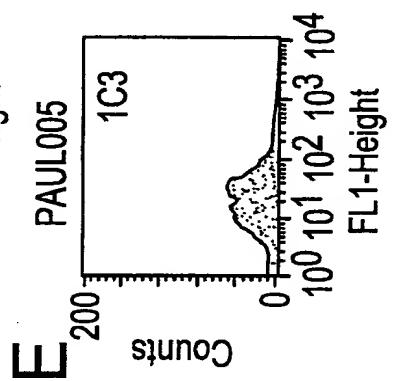
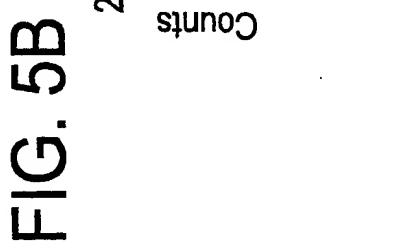
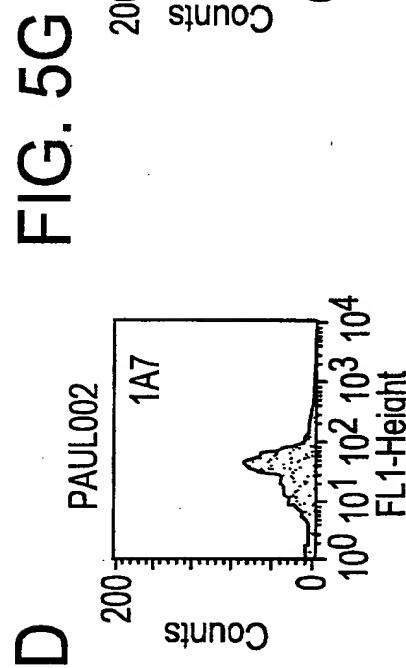
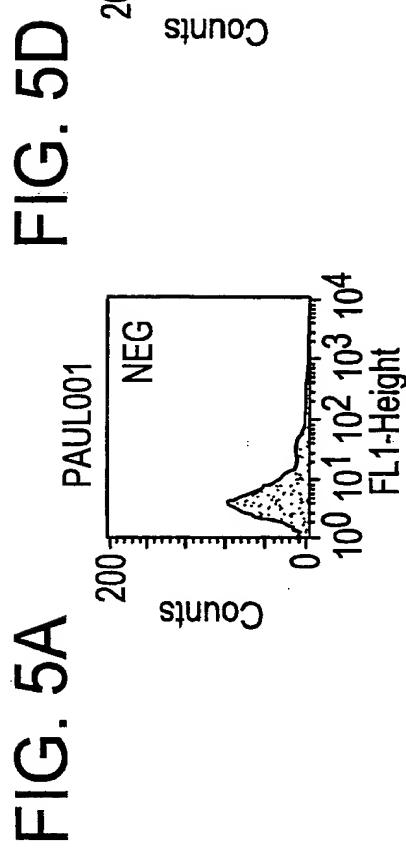


FIG. 6

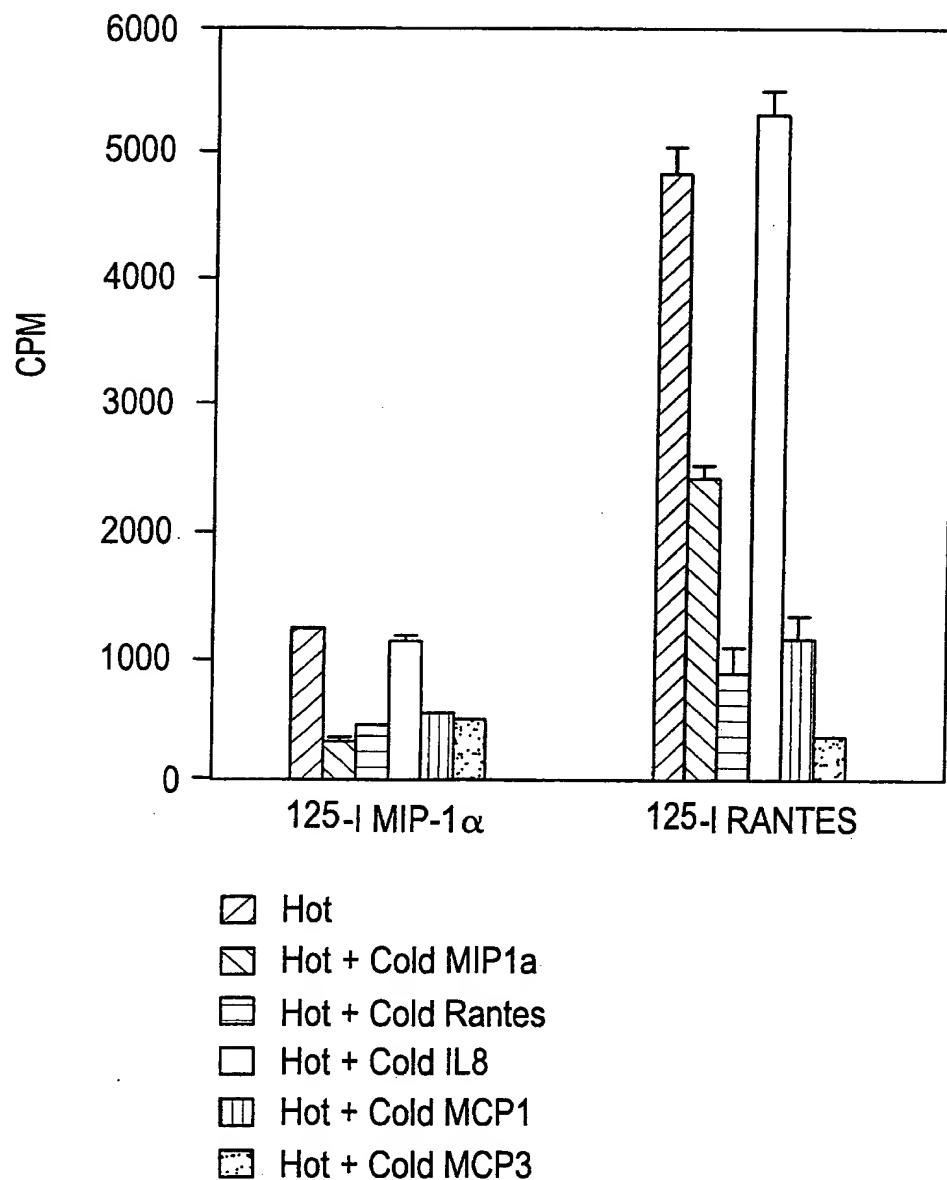
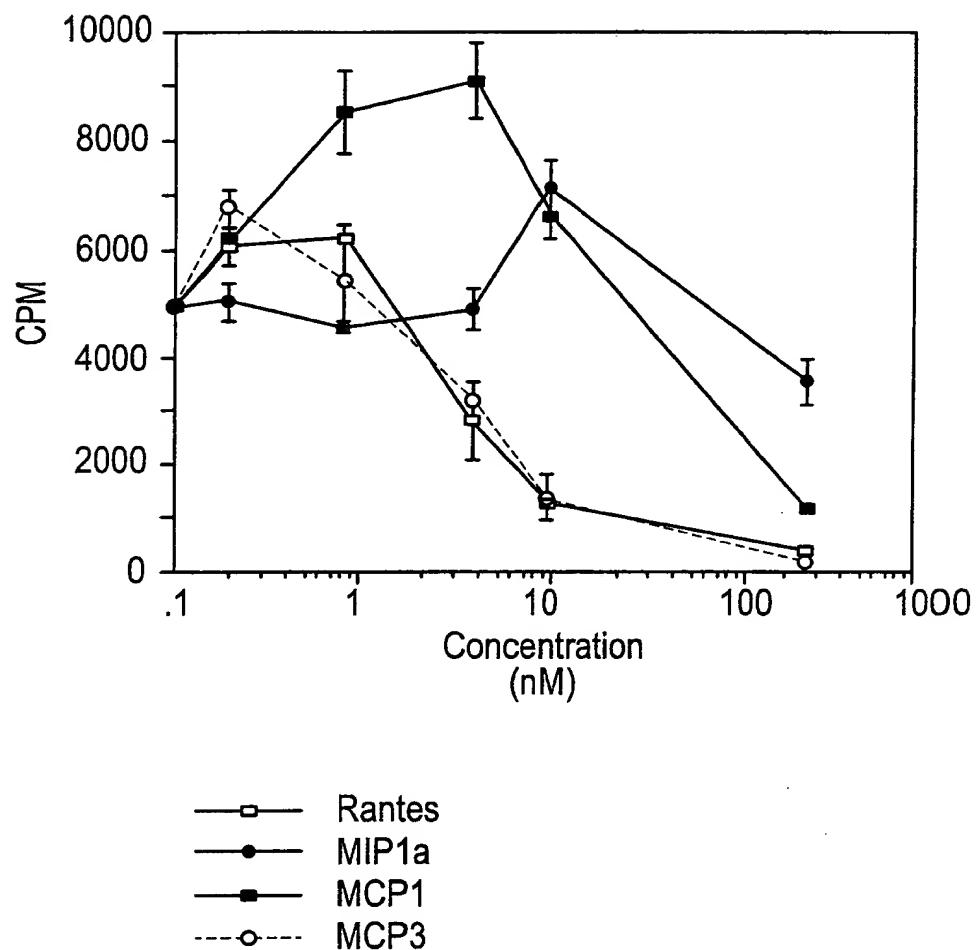


FIG. 7



}

FIG. 8

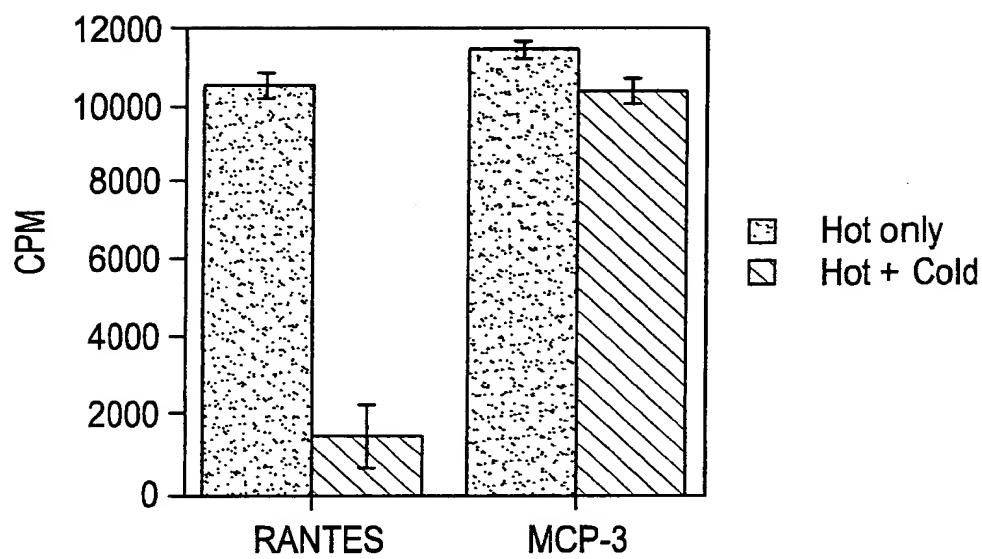


FIG. 9A

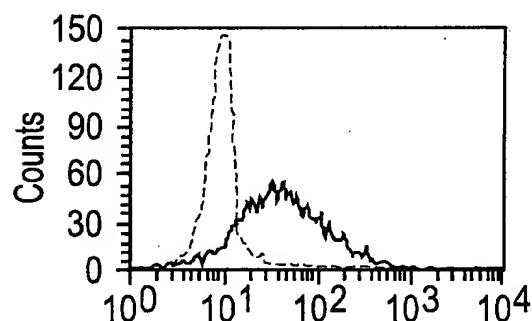


FIG. 9B

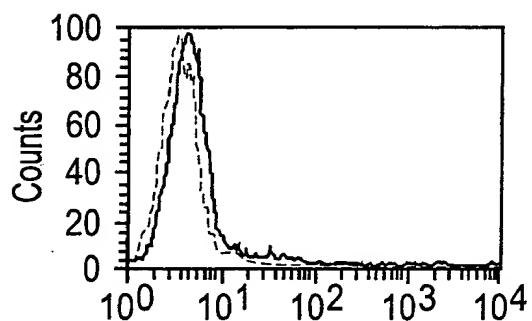


FIG. 9C

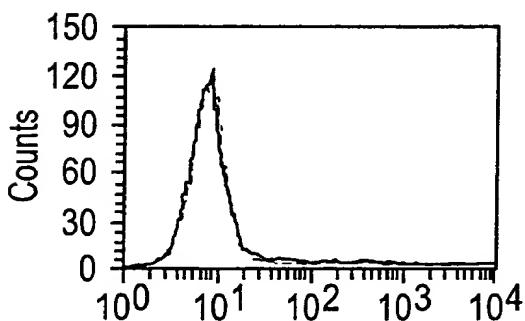
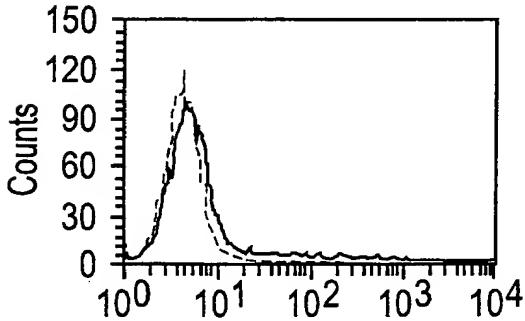


FIG. 9D



Fluorescence intensity →

FIG. 10A

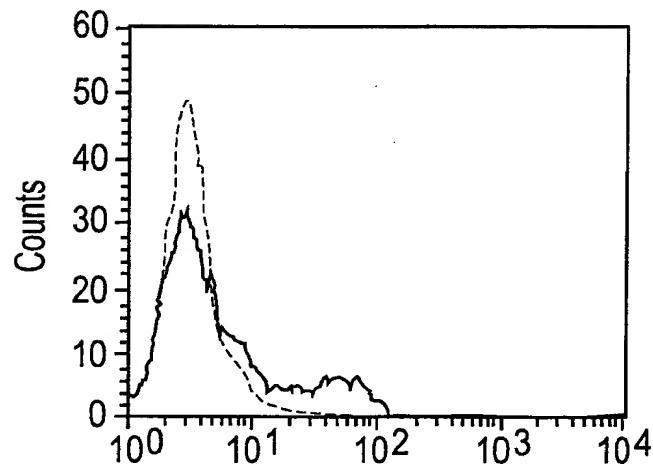


FIG. 10B

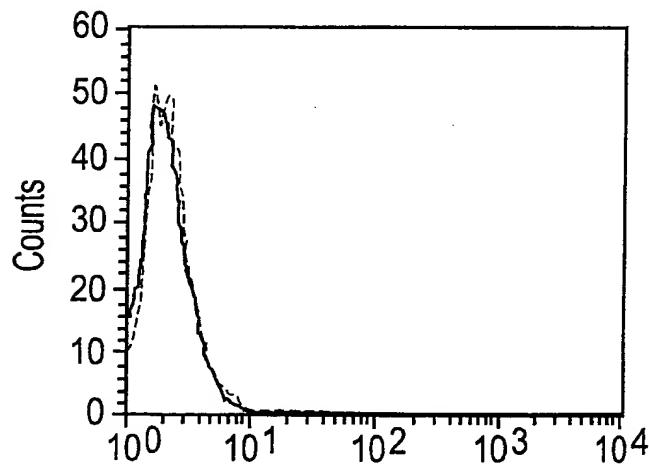


FIG. 10C

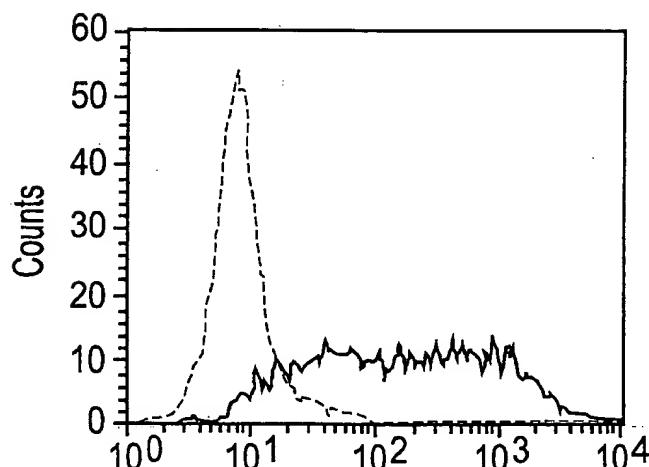


FIG. 11A

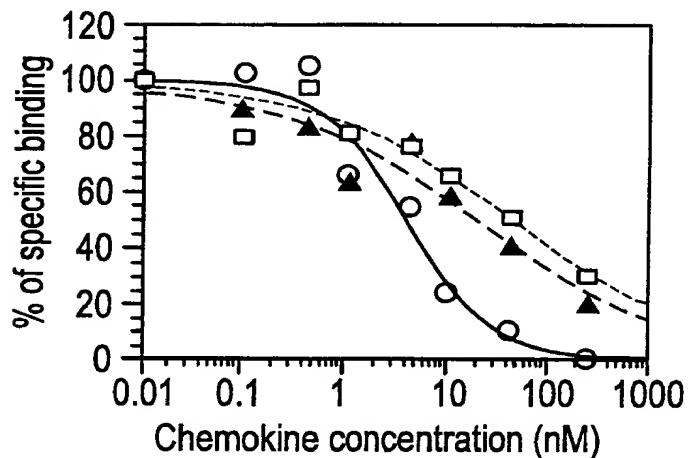


FIG. 11B

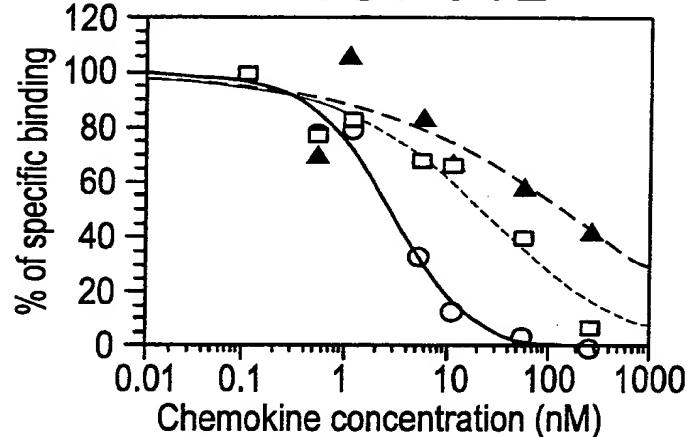


FIG. 11C

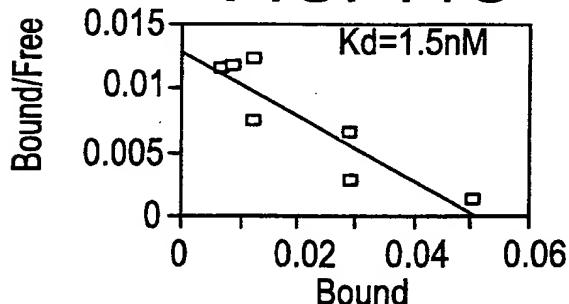
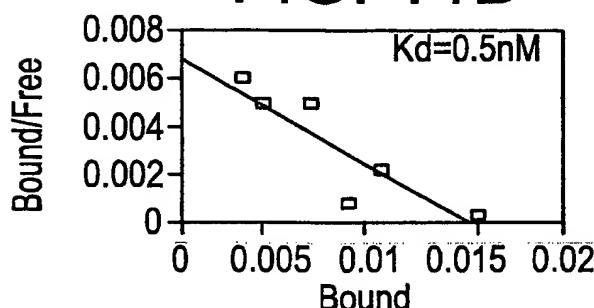


FIG. 11D



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FIG. 12

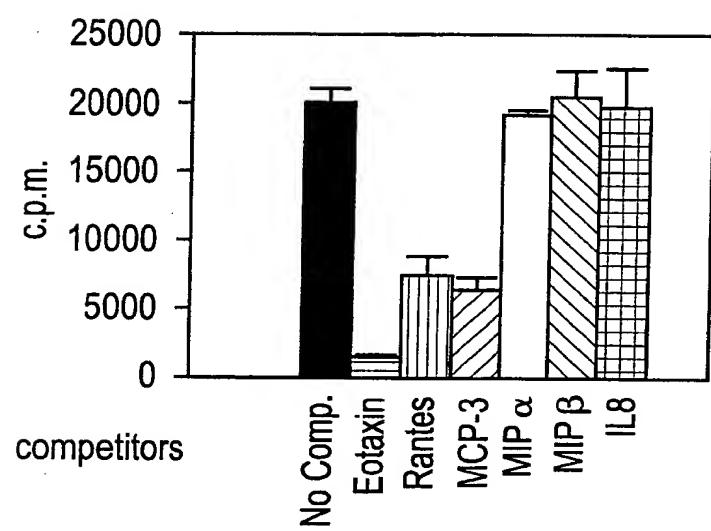


FIG. 13A

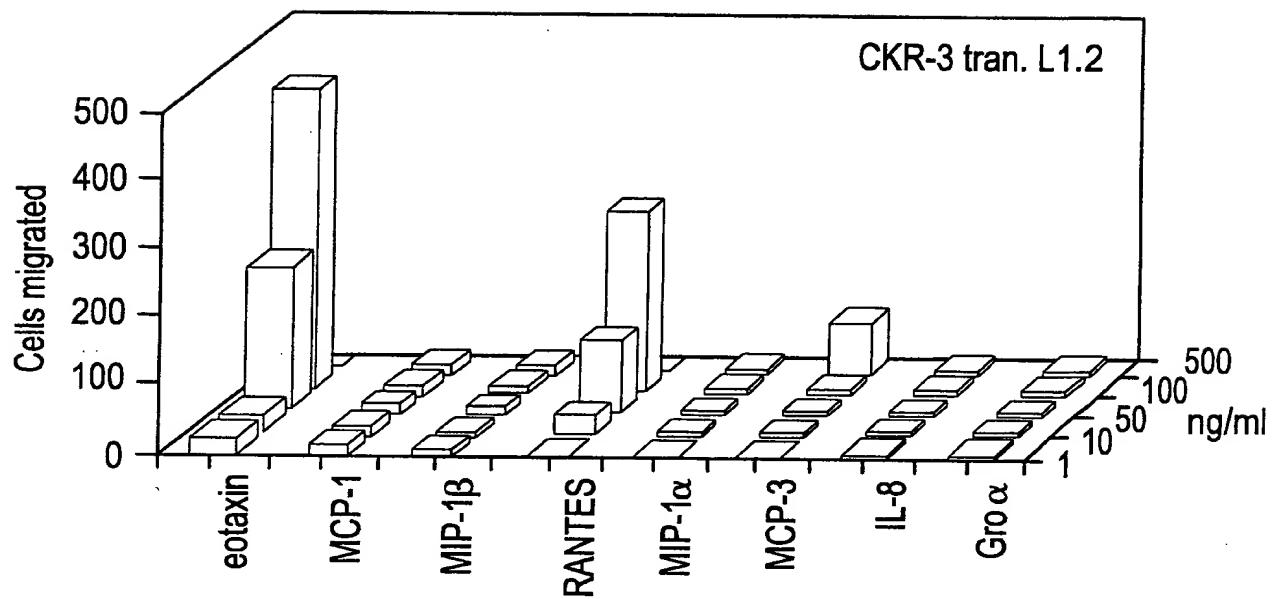


FIG. 13B

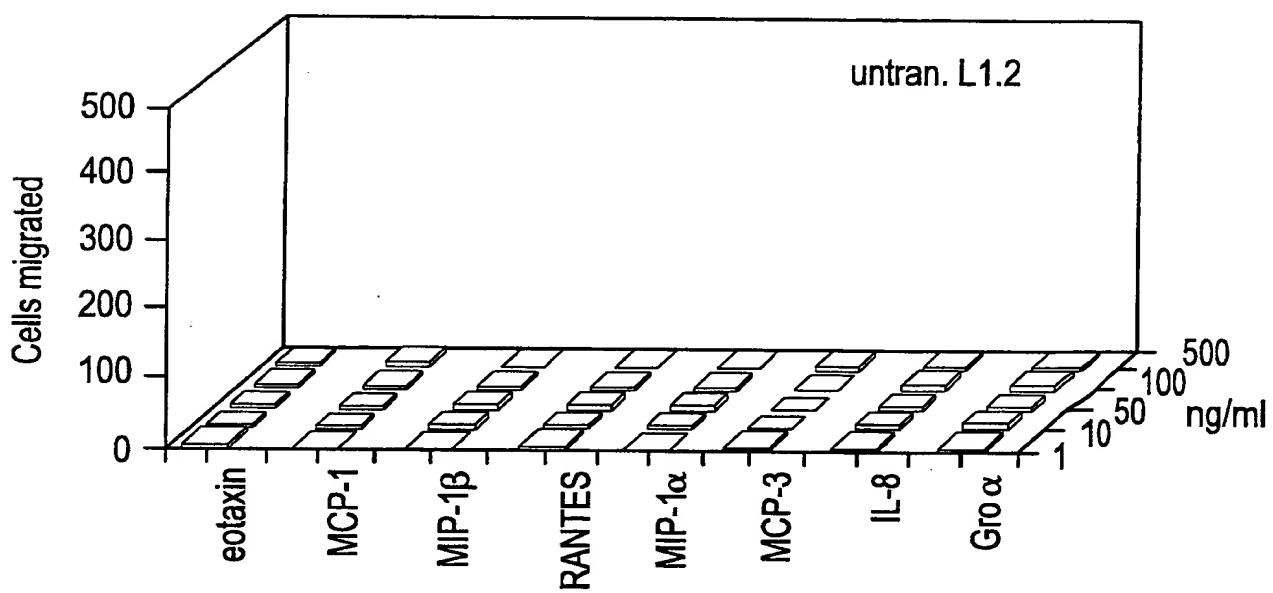


FIG. 13C

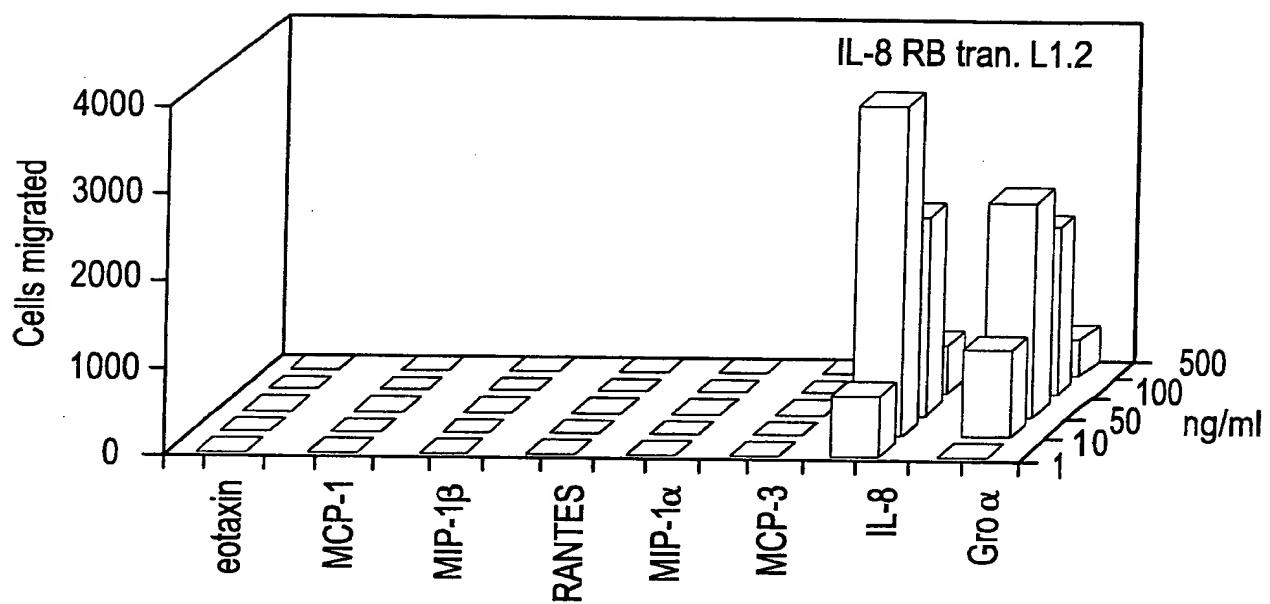


FIG. 14A

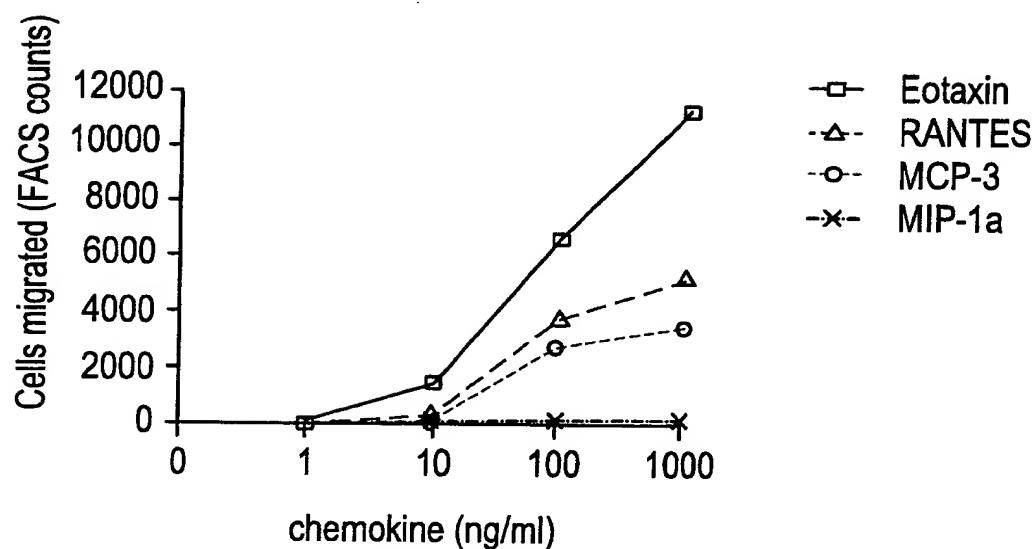
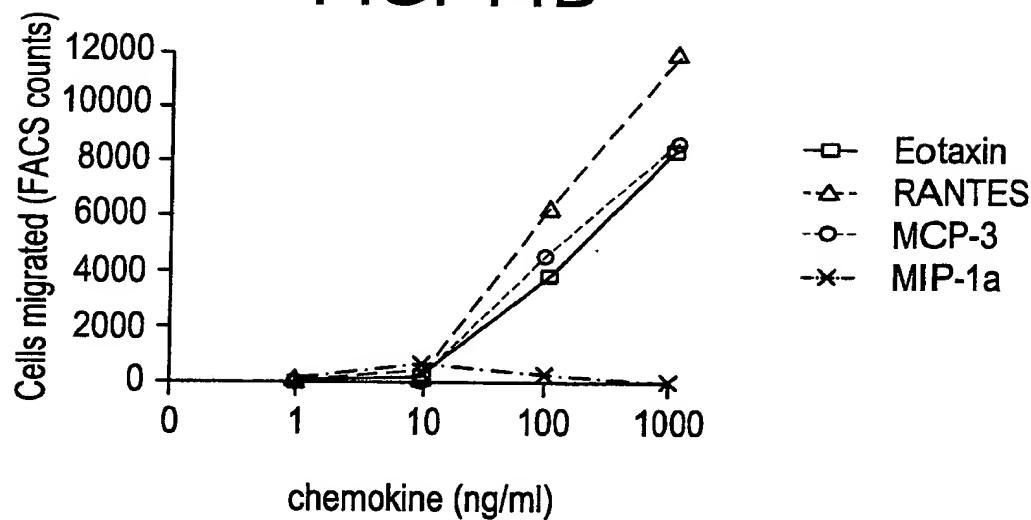


FIG. 14B



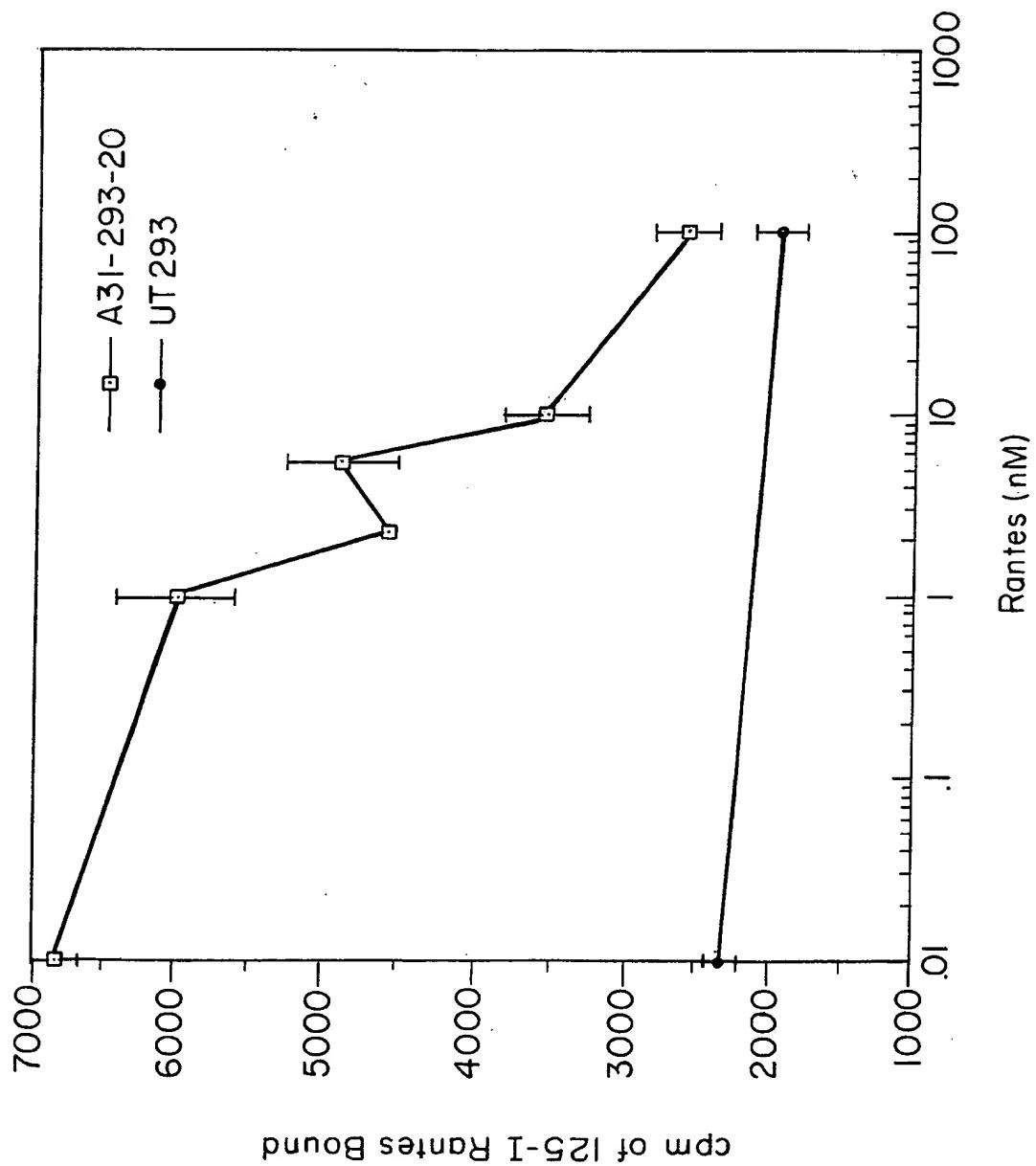


FIGURE 15

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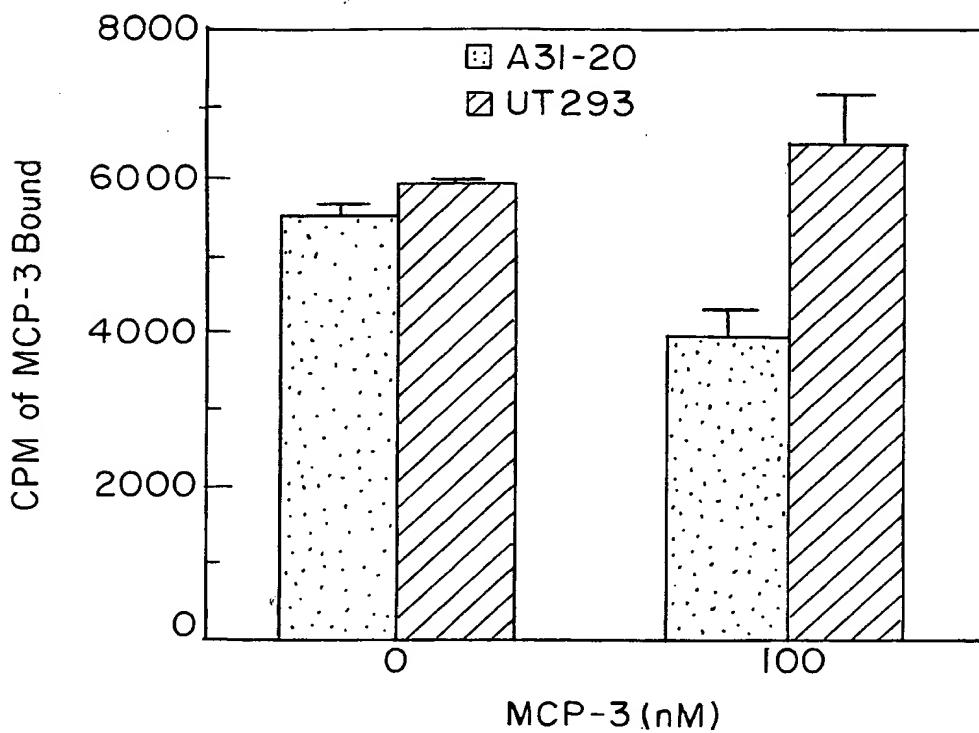


FIGURE 16

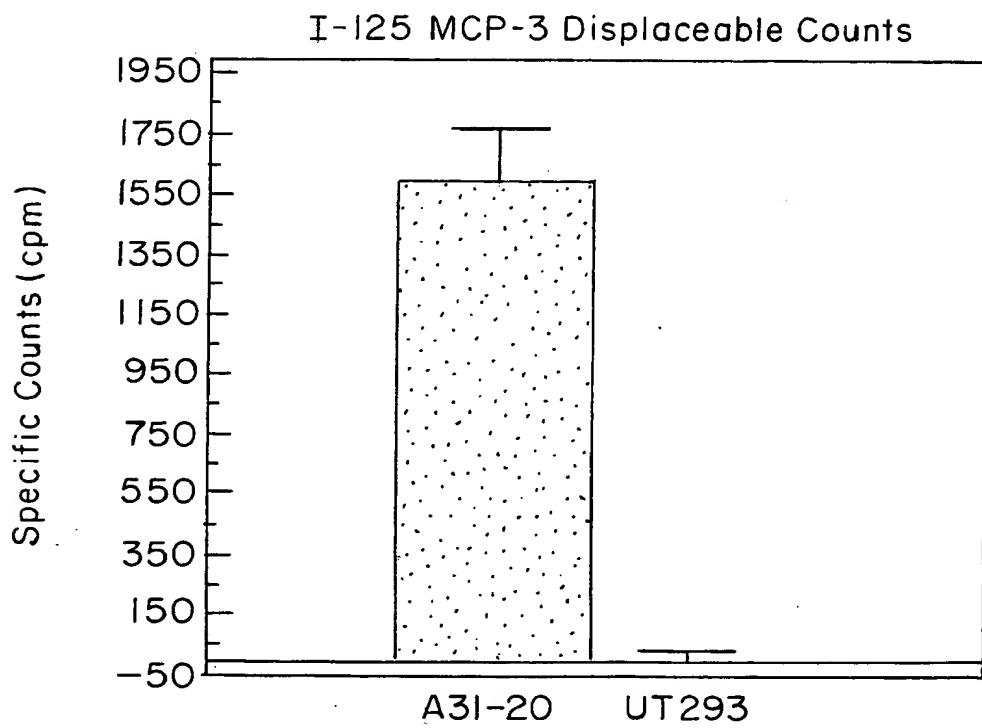


FIGURE 17

FIG. 18A

L1.2 Transfectants

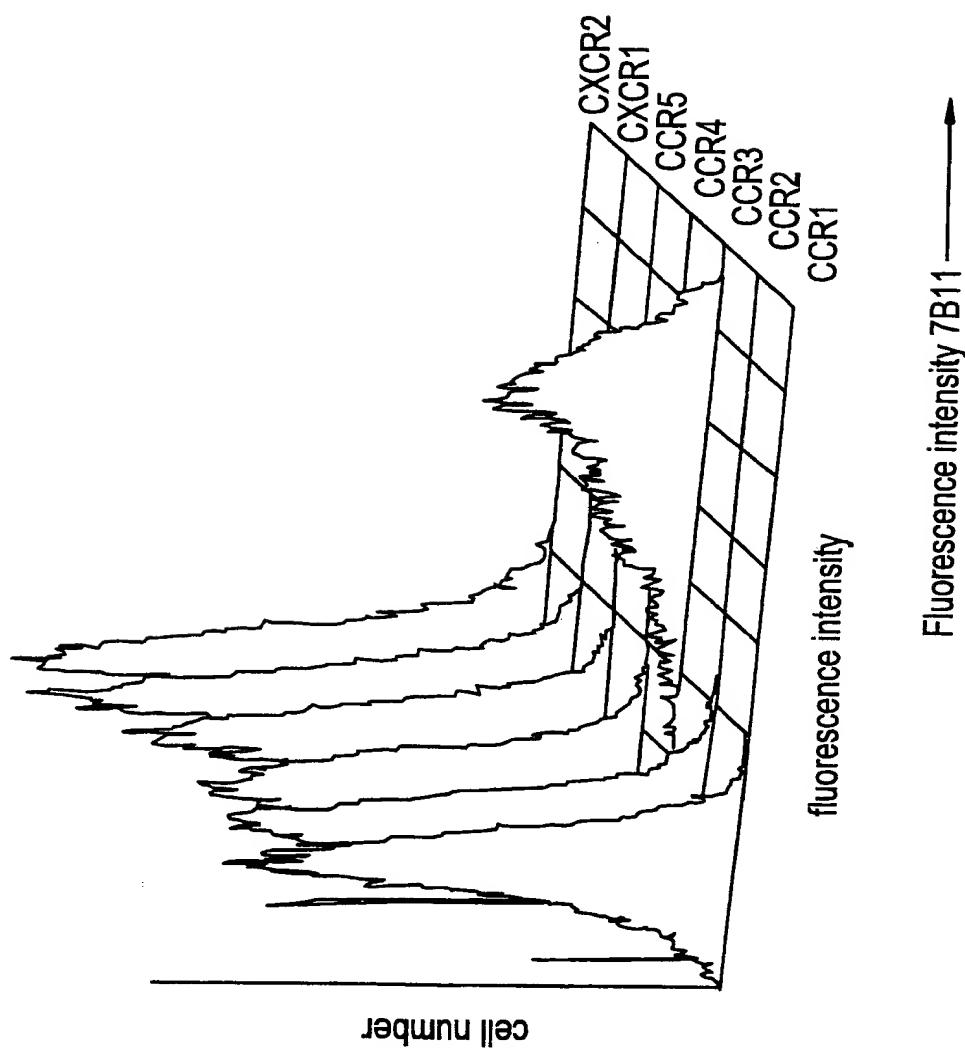
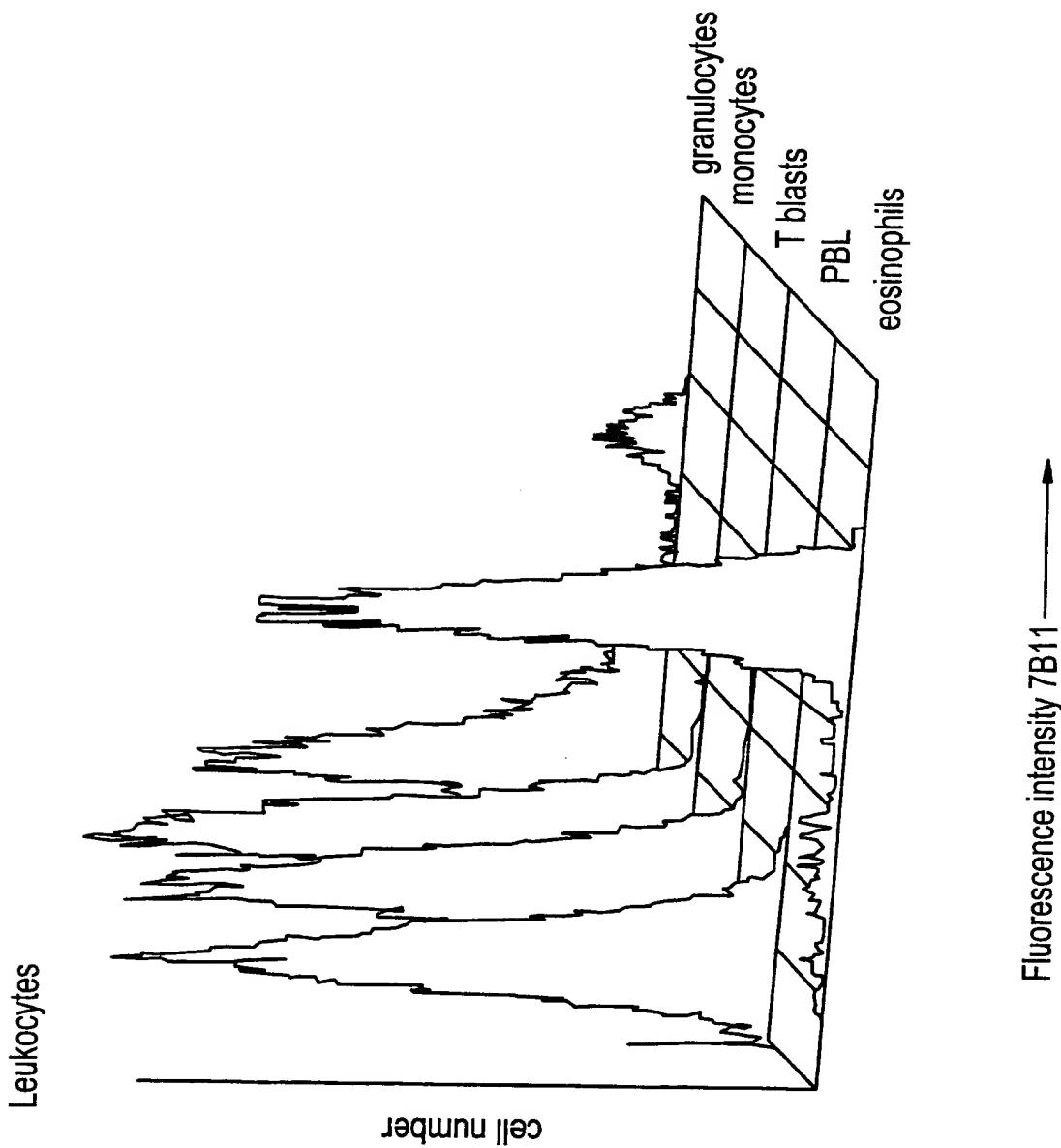


FIG. 18B



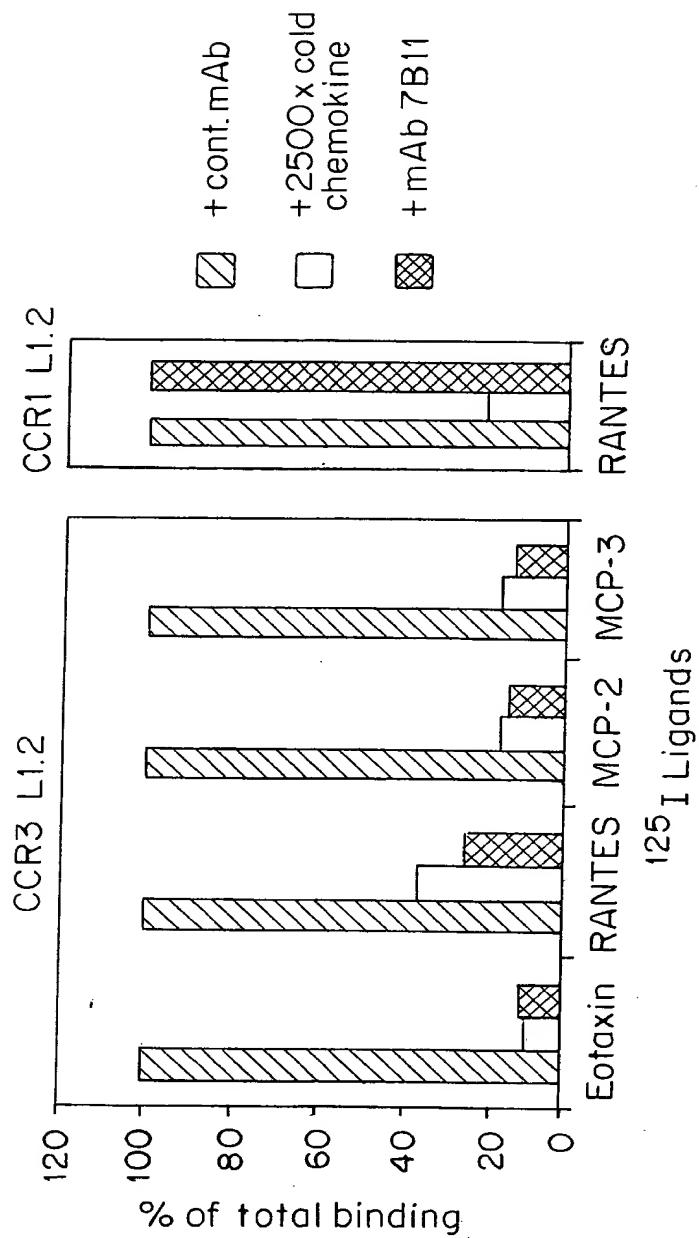


FIG. 18C

FIG. 19

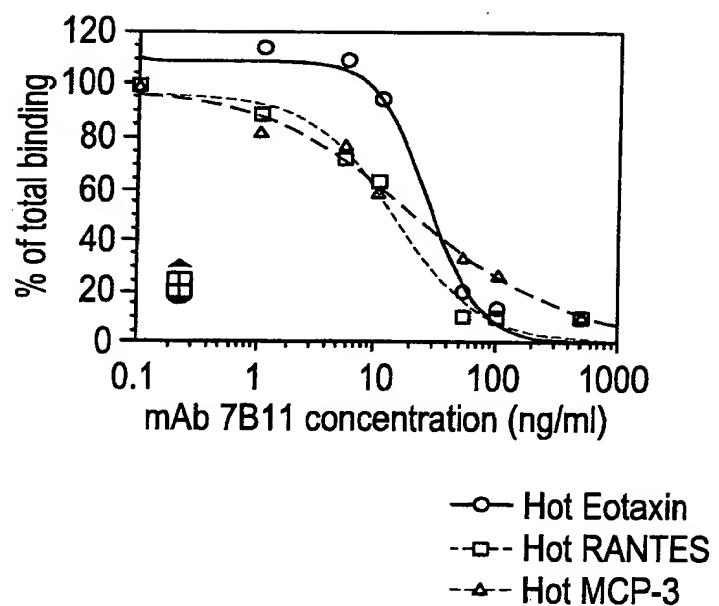


FIG. 20A

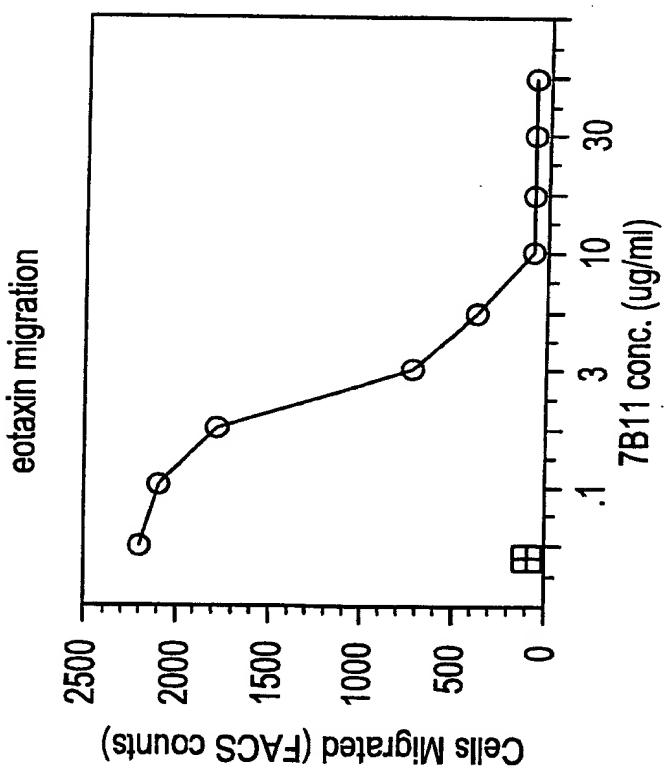
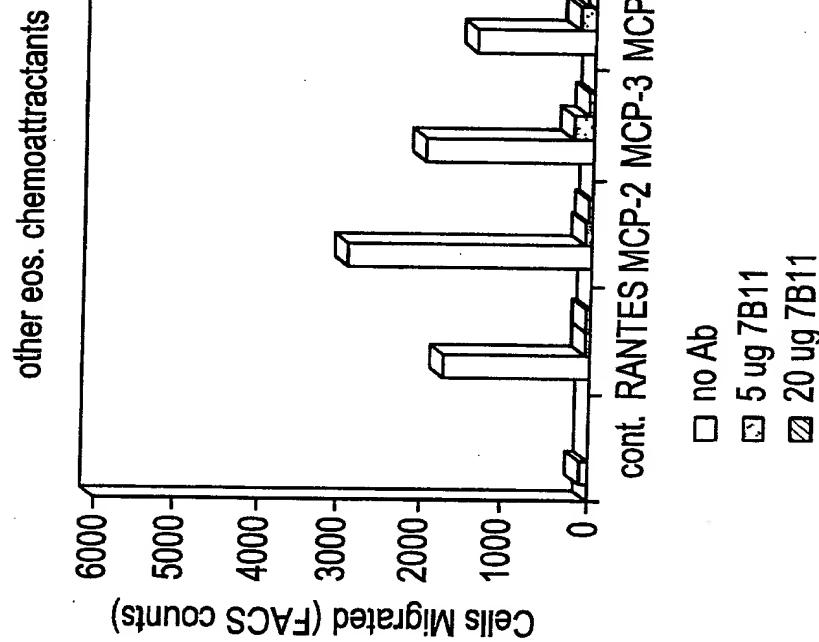


FIG. 20B



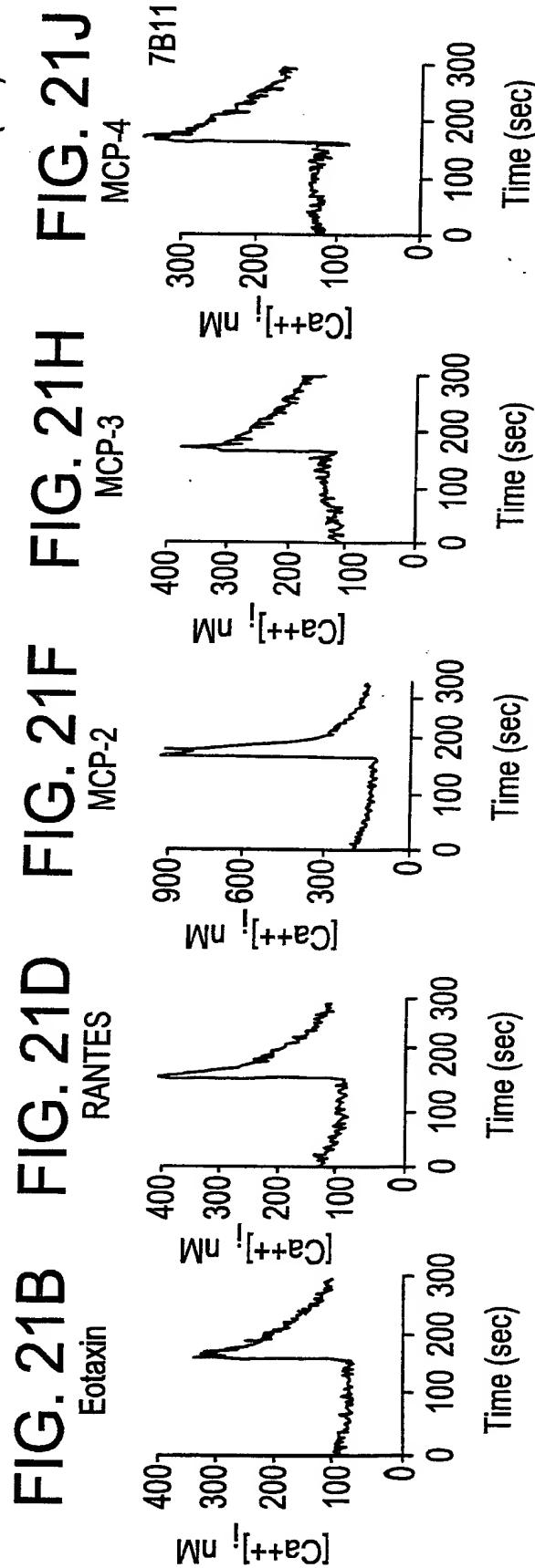
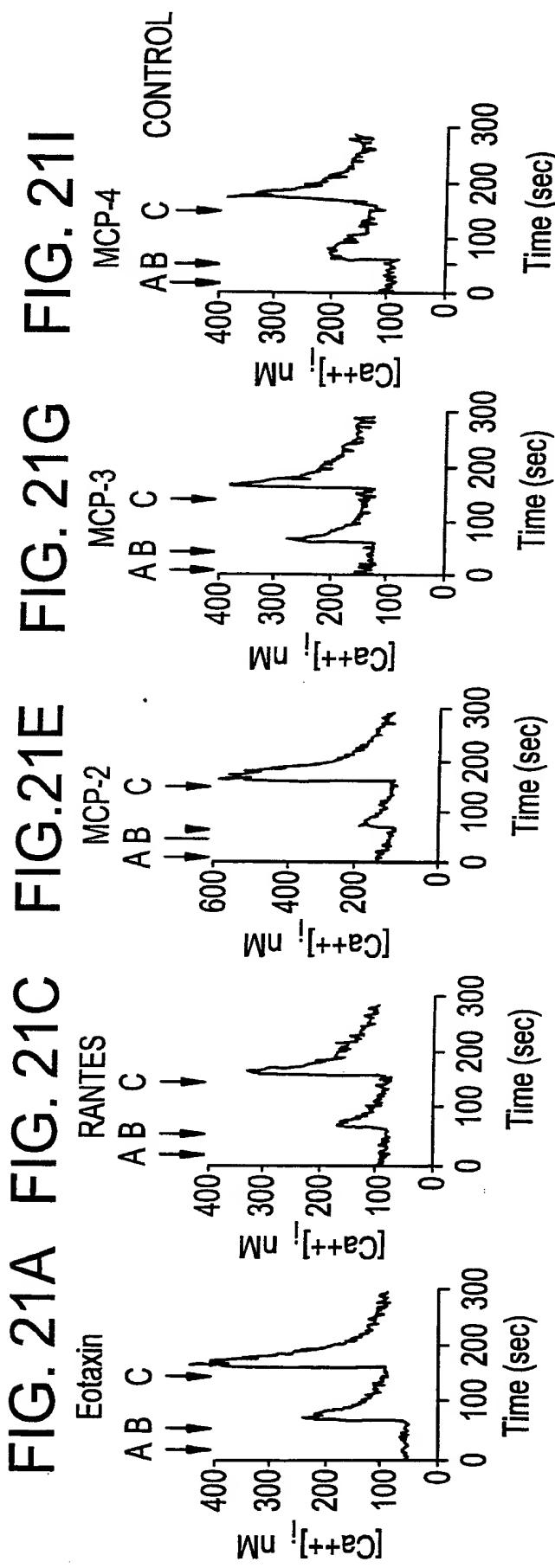


FIG. 22A

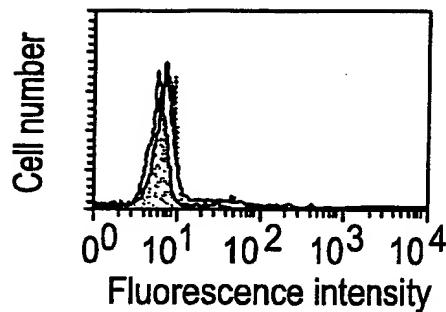


FIG. 22B

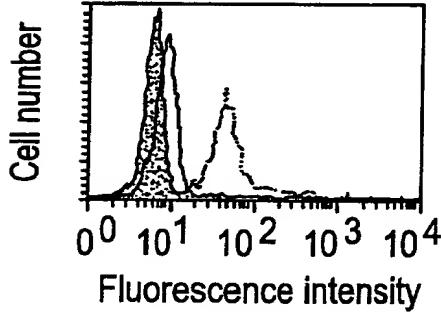


FIG. 22D

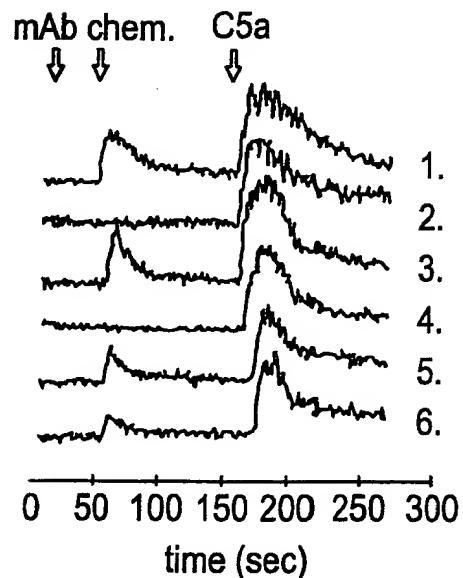
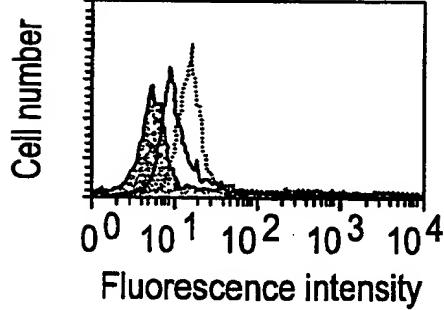


FIG. 22C



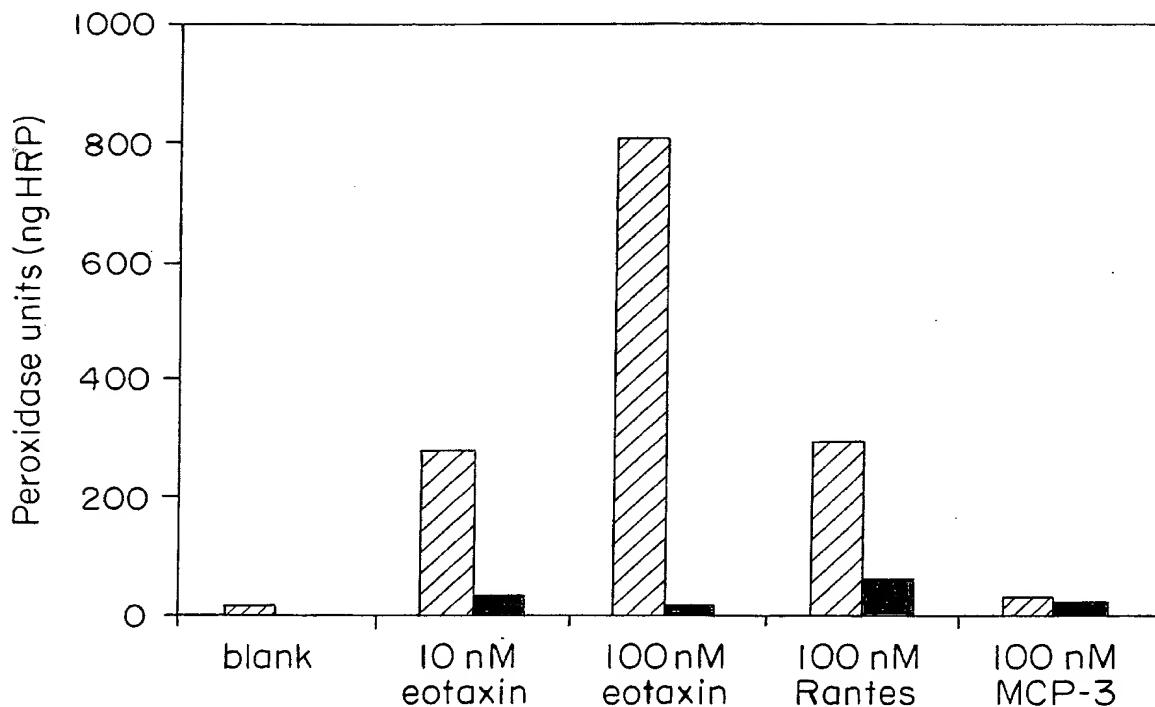


FIG. 23A

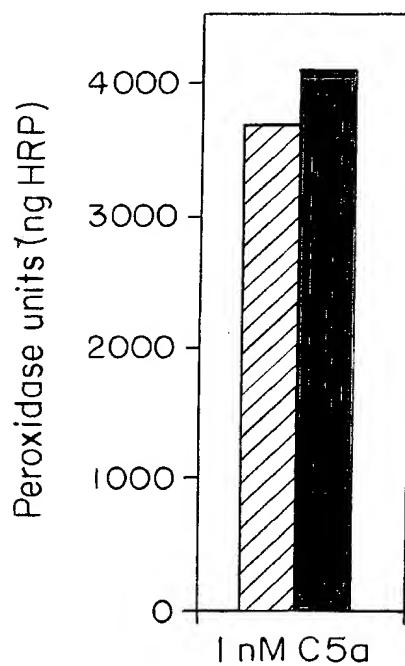


FIG. 23B

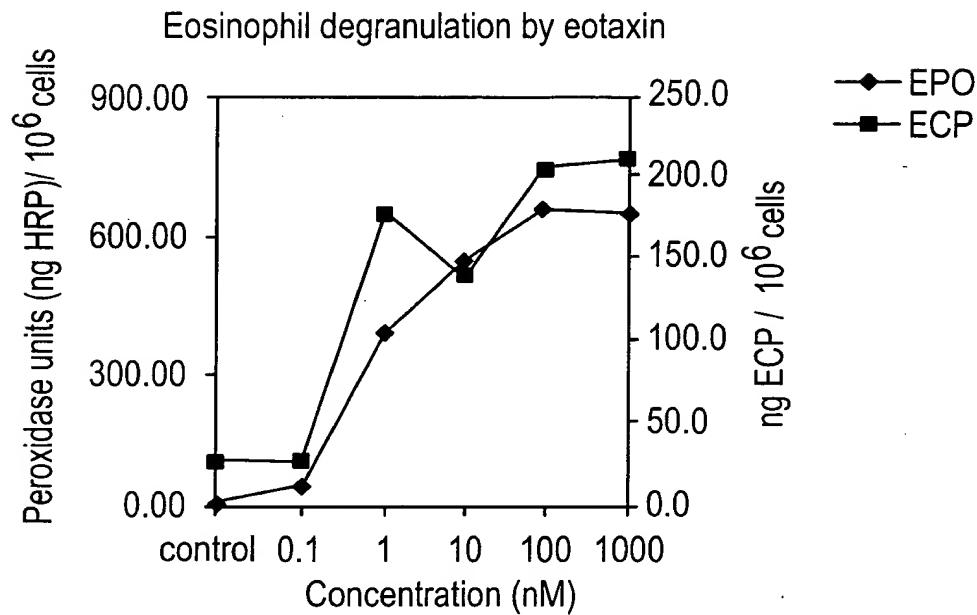


FIG. 24A

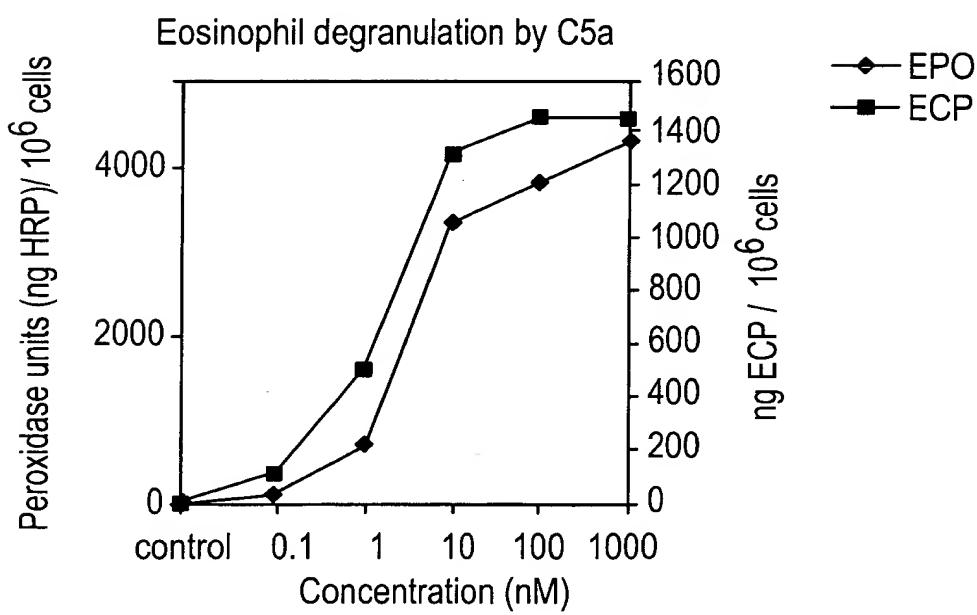


FIG. 24B

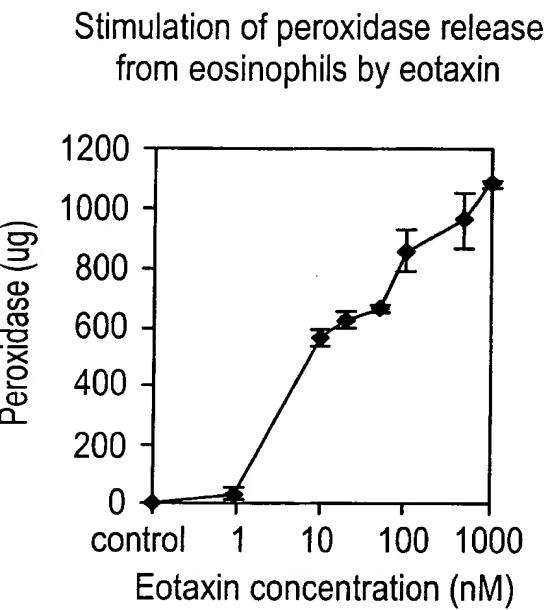


FIG. 25

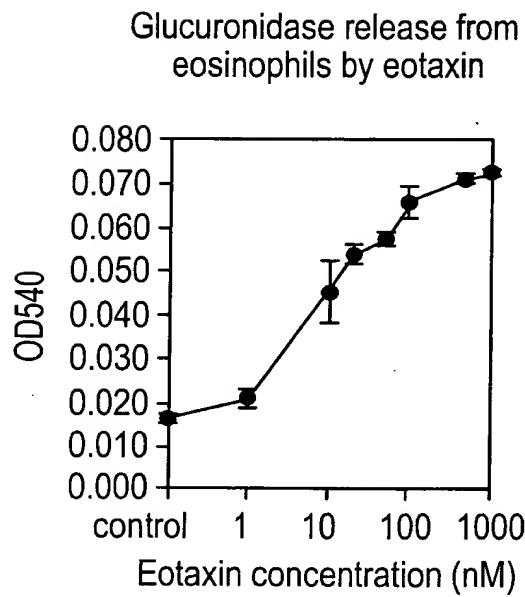


FIG. 26

Appl'n No.: 08/963,656
Title: ANTIBODIES TO C-C...
Inventors: Craig J. Gerard, *et al.*
Replacement Sheet

Stimulation of arylsulfatase B
release from human eosinophils by
eotaxin

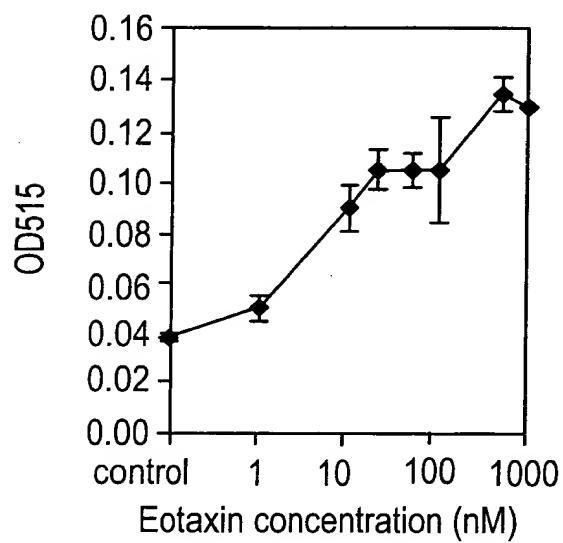


FIG. 27

Appl'n No.: 08/963,656
Title: ANTIBODIES TO C-C...
Inventors: Craig J. Gerard, *et al.*
Replacement Sheet

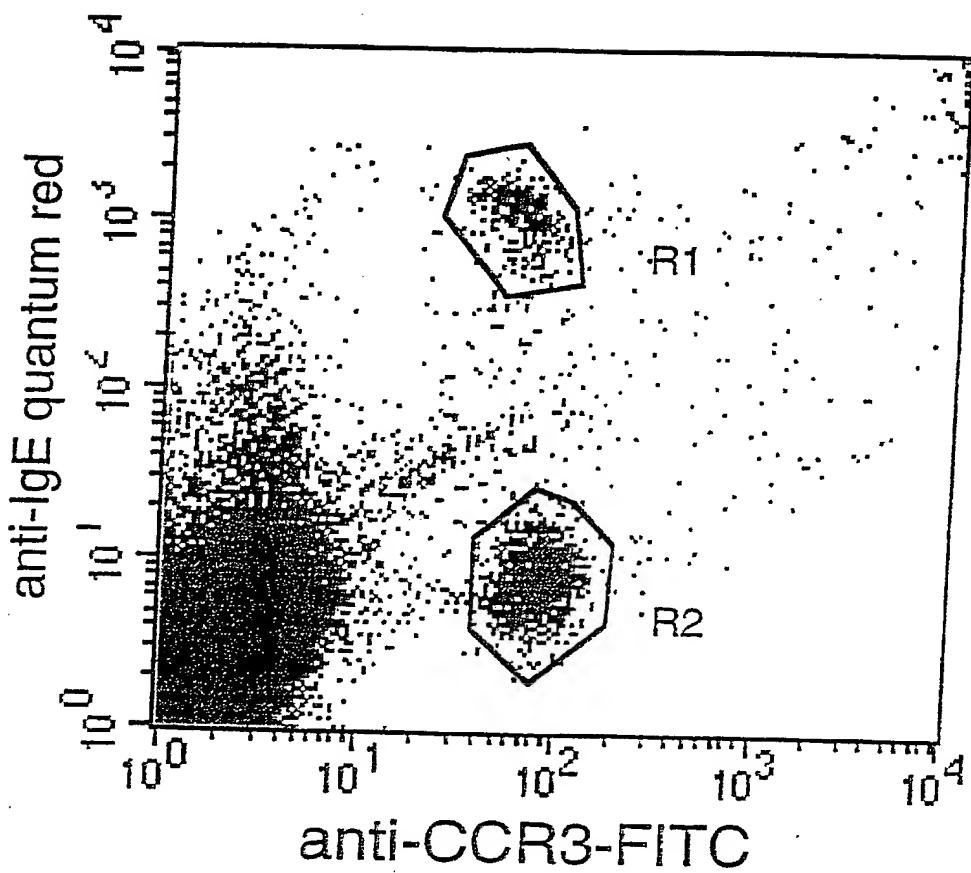
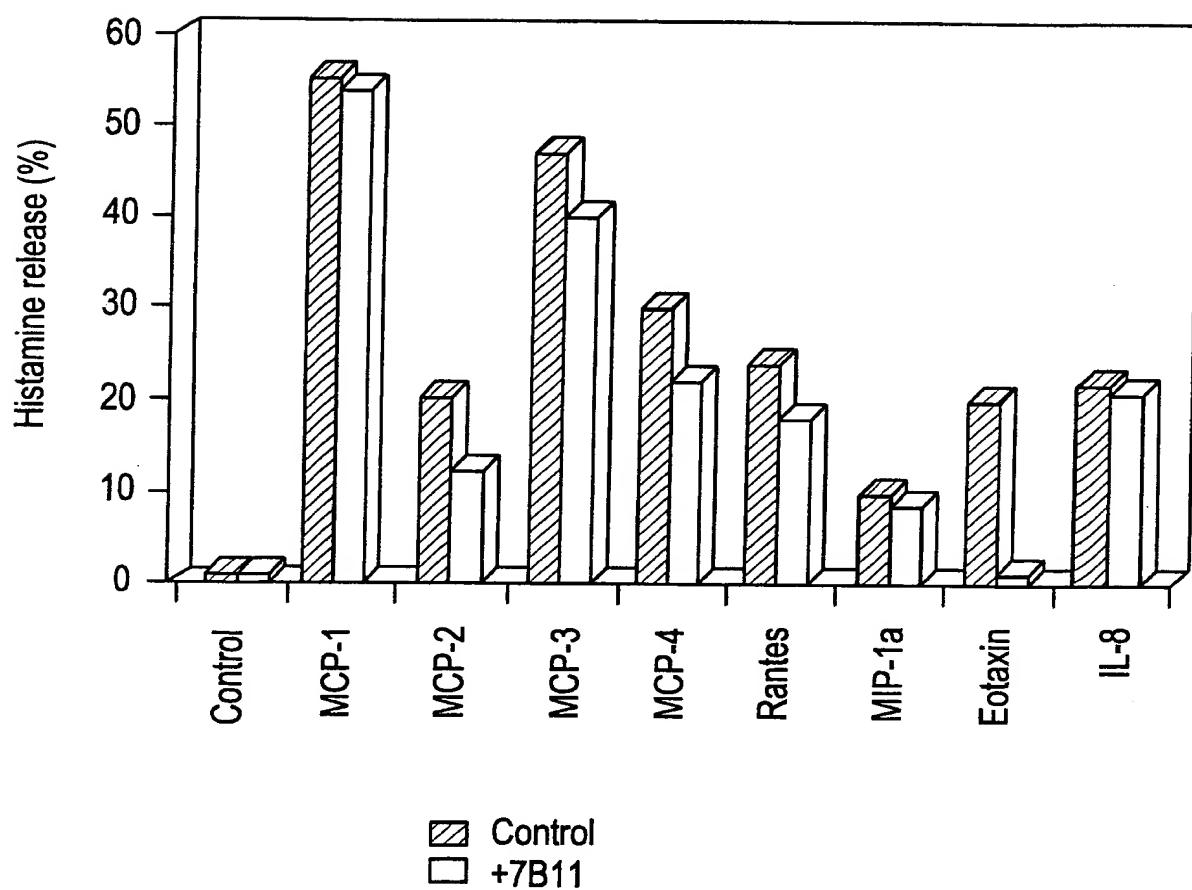


FIGURE 28

Appl'n No.: 08/963,656
Title: ANTIBODIES TO C-C...
Inventors: Craig J. Gerard, *et al.*
Replacement Sheet

FIG. 29



Appl'n No.: 08/963,656
Title: ANTIBODIES TO C-C...
Inventors: Craig J. Gerard, *et al.*
Replacement Sheet

FIG. 30A

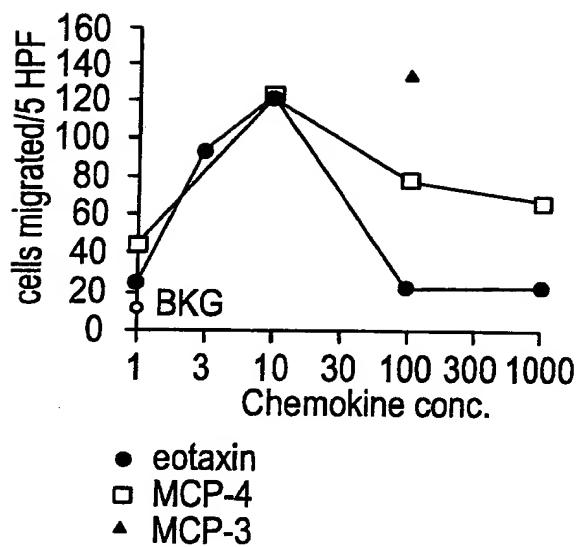


FIG. 30B

